

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Seiji ISHIKAWA and Takayuki KIKUCHI

Filed: Concurrently Herewith

For: ANGULAR VELOCITY MEASURING APPARATUS

Box Patent Application
Assistant Commissioner for Patents
Washington DC 20231

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Elizabeth A. VanAntwerp

PRELIMINARY AMENDMENT

Sir:

Prior to examination, Applicants wish to amend the subject application as follows:

In the Claims:

Please rewrite claims 16 and 21 as follows:

16. (Amended) The angular velocity measuring apparatus according to claim 8, wherein said ceramic circuit board includes step portions formed in a surface facing said vibration element to protrude toward the vibration element, and said vibration element is connected to said step portions of said ceramic circuit board by means of bonding wires.

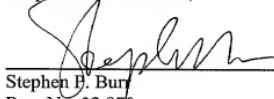
21. (Amended) The angular velocity measuring apparatus according to claim 1, wherein an ambient temperature of said vibration element is controlled by utilizing a heat generated by said semiconductor integrated circuit chip.

REMARKS

Claims 1-21 are pending herein. Applicants have amended the claims to eliminate multiple dependent claims. Attached hereto is a marked-up version of the changes made to claims 16 and 21 by the current amendment. The attached is captioned "Version with Markings to Show Changes Made"). No new matter has been added. Applicants believe the case is now in condition for examination.

If the Examiner believes that contact with applicants' attorney would be advantageous toward the disposition of this case, he is herein requested to call applicants' attorney at the phone number noted below.

Respectfully submitted,



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VERSION WITH MARKINGS TO SHOW CHANGES MADE

16. (Amended) The angular velocity measuring apparatus according to ~~any~~ one of claims 8-15, wherein said ceramic circuit board includes step portions formed in a surface facing said vibration element to protrude toward the vibration element, and said vibration element is connected to said step portions of ~~said~~ ceramic circuit board by means of bonding wires.

21. (Amended) The angular velocity measuring apparatus according to claim 1-~~or~~-12, wherein an ambient temperature of said vibration element is controlled by utilizing a heat generated by said semiconductor integrated circuit chip.

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